

Sony DSLR-A100KS



The Sony á (alpha) DSLR-A100 Series camera is an instant classic: the top-quality 10 MP DSLR system camera that builds on a two-decade legacy of Minolta photographic leadership, accepts 20 years of A-mount lenses sold worldwide - and introduces Sony imaging innovations like high-sensitivity shooting with Super SteadyShot in-camera image stabilization, Dynamic Range Optimizer to automatically increase detail in bright and dark picture areas, Anti-Dust technology to keep the CCD imager clean for better pictures, and Eye-Start Autofocus system for faster camera response.

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General	
Product Type	Digital camera - SLR
Width	13.3 cm
Depth	7.1 cm
Height	9.5 cm
Weight	545 g
Enclosure Colour	Silver

Main Features	
Resolution	10.2 Megapixel
Colour Support	Colour
Optical Sensor Type	CCD
Total Pixels	10,800,000 pixels
Effective Sensor Resolution	10,200,000 pixels
Optical Sensor Size	15.8 x 23.6mm
Field of View Crop Factor	1.5
Sensor Dust Reduction	Yes
Sensor Features	Anti-Dust technology
Light Sensitivity	ISO 100, ISO 800, ISO 400, ISO 200, ISO 1600, ISO auto
Shooting Modes	Landscape, portrait mode, night portrait, sunset
Special Effects	Black & White, Neutral, Vivid
Image Stabiliser	Optical (Super Steady Shot, CCD-shift mechanism)
Max Shutter Speed	1/4000 sec
Min Shutter Speed	30 sec
X-sync Speed	1/160 sec
Exposure Metering	Multi-segment, centre-weighted, spot
Exposure Modes	Programme, bulb, automatic, manual, aperture-priority, shutter-priority
Exposure Range	EV 1-20 (ISO 100)
Exposure Compensation	±2 EV range, in 1/3 EV steps
Auto Exposure Bracketing	3 steps in 1/3 EV step
Exposure Metering Zones	40
White Balance	Custom, automatic, presets
White Balance Presets	Fluorescent, cloudy, tungsten light, Flash, daylight, shade
Still Image Format	JPEG, RAW, RAW + JPEG
Continuous Shooting Speed	3 frames per second
Remote Control	Optional

Memory / Storage	
Supported Flash Memory	CompactFlash, Microdrive
Image Storage	3872 x 2592 2896 x 1936 1920 x 1280

Camera Flash	
Camera Flash	Pop-up flash
Guide Number (m / ISO 100)	12
Flash Modes	Fill-in mode, rear curtain sync, auto mode, flash OFF mode, red-eye reduction
Red Eye Reduction	Built-in
Features	AF illuminator, flash +/- compensation, wireless off-camera control

Lens System	
Type	Zoom lens - 18 mm - 70 mm - f/3.5-5.6 DT
Focal Length	18 mm - 70 mm
Focal Length Equivalent to 35mm Camera	27 - 105mm
Focus Adjustment	Automatic, manual
Auto Focus	TTL phase detection
Auto Focus Points (Zones)	9
Min Focus Range	38 cm
Lens Aperture	F/3.5-5.6
Optical Zoom	3.9 x
Zoom Adjustment	Manual
Lens Construction	9 group(s) / 11 element(s)
Filter Size	55 mm
Lens System Mounting	Minolta A-type
Features	ED glass, aspherical lens

Additional Features	
Self Timer	Yes
Self Timer Delay	10 sec, 2sec
Flash Terminal	Hot shoe
Additional Features	Direct print, USB 2.0 compatibility, RGB primary colour filter, digital noise reduction, DPOF support, depth-of-field preview button, sharpness control, PRINT Image Matching, PictBridge support, histogram display, AE lock, AF lock, contrast control, Dynamic Range Optimizer

Viewfinder	
Viewfinder Type	Optical - eye-level roof prism
Field Coverage	95%
Magnification	0.83x
Dioptric Correction Range	-2.5 to +1
Viewfinder Frames	Autofocus frame
LCD Display Information	Shutter speed, exposure compensation, AE lock, AF-in-focus, flash charge completion, aperture, anti-shake scale, shake warning

Display	
Type	LCD display - TFT active matrix - 2.5" - colour
Display Form Factor	Built-in
Display Format	230,000 pixels

Connections	
Connector Type	1 x USB 1 x composite video output 1 x DC power input 1 x remote control
Expansion Slot(s)	1 x CompactFlash Card - type I/II

Software	
Software	Drivers & Utilities, Sony Picture Motion Browser, Sony Image Data Converter SR

System Requirements for PC Connection	
Operating System Support	MS Windows XP, MS Windows 2000, MS Windows ME, Apple MacOS X 10.3 or later

Miscellaneous	
Included Accessories	Lens hood, dust cap, body cap, lens cap, shoulder strap, shoe cap
Cables Included	USB cable Video cable

Power	
Power Device	Battery charger - external

Battery	
Supported Battery	Sony NP-FM55
Supported Battery Details	1 x Li-ion rechargeable battery - 1600 mAh (included)

Manufacturer Warranty	
Service & Support	1 year warranty
Service & Support Details	Limited warranty - 1 year

Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C